

Claims

1. An electric machine, in particular a three-phase generator, with a winding packet that can be penetrated by a rotating magnetic field, wherein a number of windings of the winding packet are respectively connected together into at least one phase at which a generator voltage can be tapped, and the windings are comprised of a number of parallel wound winding wires, characterized in that out of the at least three parallel wound winding wires (33, 42) of a phase (U, V, W, U', V', W'), at least two are connected to separate phase terminals (34, 36, 38, 34', 36', 38') at each of which a partial generator voltage (u, v, w, u', v', w') can be tapped.

2. The electric machine according to claim 1, characterized in that the windings (28', 28'', 28'''; 44', 44'', 44''') of a phase (U, U'; V, V'; W, W') can be connected in series in order to tap a total generator voltage (u'', v'', w'') that is made up of the partial generator voltages (u, u'; v, v'; w, w').

3. The electric machine according to one of the preceding claims, characterized in that the windings (28, 44) are constituted by a common conductor bundle (40).

4. The electric machine according to one of the preceding claims, characterized in that the windings (28) constitute a main winding and the windings (44) constitute an auxiliary winding.

5. The electric machine according to one of the preceding claims, characterized in that the main windings (28) have at least two parallel connected winding wires (33).

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6. The electric machine according to one of the preceding claims, characterized in that the auxiliary windings (44) have at least one winding wire (42).

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